

THE URBAN DISTRICT COUNCIL
OF HINDLEY



SIXTY-FOURTH
ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
TOGETHER WITH THE
REPORT OF THE
PUBLIC HEALTH INSPECTOR
FOR THE YEAR 1964

HINDLEY :

FRED BRADLEY & SON LTD.

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THE URBAN DISTRICT COUNCIL OF HINDLEY

Chairman of the Council:

Councillor E. GRIME, J.P.

Vice-Chairman of the Council:

Councillor R. MILNER.

Members of the Council:

Councillor Miss E. E. BERRY, J.P.
Councillor Miss B. GRUNDY (To May, 1964).
Councillor J. DAINTY (from May, 1964).
Councillor H. E. HEALD
Councillor Miss S. HOWARTH, J.P.
Councillor T. ISHERWOOD, J.P.
Councillor J. LEE, J.P.
Councillor R. MYLER (to May, 1964).
Councillor O. MURRAY (County Councillor).
Councillor R. OLLERTON (to May, 1964).
Councillor B. RAMSDALE (from May, 1964).
Councillor W. S. SIMMONS.
Councillor J. W. THORLEY (County Alderman).
Councillor P. WEBB.
Councillor J. WHITTLE (from May, 1964).
Councillor A. WOODCOCK.

Chairman of the Health Committee:

Councillor T. ISHERWOOD, J.P.

Vice-Chairman of the Health Committee:

Councillor P. WEBB.

Clerk of the Council:

J. MARSDEN, F.C.C.S., A.Comm. A.

Medical Officer of Health:

G. H. POTTER, M.B., Ch.B., M.R.C.S., L.R.C.P., D.P.H.
(Until 16/6/64).

R. SCHOFIELD, M.B., Ch.B., D.C.H., D.P.H., (From 17/6/64)

Official Address: 3 King Street, Wigan.

Telephone No. — Wigan 44208.

Consultant Obstetrician:

R. L. HARTLEY, M.D., F.R.C.S., F.R.C.O.G.

Consultant Ophthalmic Surgeon:

H. B. BARKER, M.B., B.S. (Lond.), M.R.C.S., L.R.C.P.

County Dental Surgeon:

T. N. ASHALL, L.D.S., (Liverpool).

Public Health Inspectors:

J. T. HAMPSON, Certificate, Royal Society of Health.

Meat Inspector's Certificate—Royal Society of Health.

Smoke Inspector's Certificate—Royal Society of Health.

W. KITTS, Liverpool University School of Hygiene Certificates
for Sanitary Science and Meat and Food Inspection.

G. A. PILKINGTON, Certificate, Public Health Inspectors Edu-
cation Board. Meat and Other Foods Inspectors Diploma,
Royal Society of Health.

Pupil Public Health Inspector:

K. ALLDRED,

Intermediate Diploma, Public Health Inspectors Education Board

Clerical Staff:

Miss E. RIGBY

Public Health Department,
Town Hall,
Hindley.

**To the Chairman and Members
of the Hindley Urban District Council**

Ladies and Gentlemen,

I have the honour to present the Annual Report on the health of the District for the year 1964.

The report is in accordance with the instructions of the Ministry of Health, and an endeavour has been made to embrace the most important details, and particularly those which indicate the state of health of the township.

I would like to take this opportunity of tendering my best thanks to the Officials of the Council and to the staff of the Health Department for valuable help and co-operation at all times.

I desire also to express to the Members of the Public Health Committee my appreciation of the courtesy and consideration they have always displayed towards me.

I am,

Yours faithfully,

R. SCHOFIELD,

Medical Officer of Health.

1. STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area: 2,612.21 acres.

Population (Preliminary Census, 1961): 19,396.

Estimated mid-1964 (Registrar General): 20,740.

Total Number of Houses (Census, 1961): 6,466.

Number of Inhabited Houses at end of 1964 according to Rate Books, 7,152.

Rateable Value: £489,340.

Sum represented by Penny Rate: £1746.662.

Hindley is essentially an industrial area. An asbestos works, paint works, steel scaffolding works and five clothing factories give employment to both sexes.

VITAL STATISTICS

Mothers and Infants

Live Births:—

Number	369
Rate per 1,000 population	17.8

Illegitimate Live Births:—

(Per cent. of total Live Births)	2.49
--	------

Stillbirths:—

Number	13
Rate per 1,000 total Live and Still Births	34.0

Total Live and Still Births	382
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Infant Deaths (deaths under one year)	4
---	---

Infant Mortality Rates:—

Total Infant Deaths per 1,000 total Live Births	10.8
---	------

Legitimate Infant Deaths per 1,000 Legitimate Live Births	11.13
---	-------

Illegitimate Infant Deaths per 1,000 Illegitimate Live Births	Nil
---	-----

Neo-natal Mortality Rate (deaths under four weeks per
1,000 total Live Births) 8.1

Early Neo-natal Mortality Rate (deaths under one week
per 1,000 total Live Births) 2.7

Perinatal Mortality Rate (Stillbirths and deaths under
one week combined per 1,000 total Live and Still
Births) 36.6

Maternal Mortality (including Abortion):—

Number of deaths Nil

Rate per 1,000 total Live and Still Births Nil

TABLE 1

Hindley U.D.C.	Live Births		Deaths (all causes)		Stillbirths		Materna Mortality		Infant Mortality			
	No. regis- tered	Rate per 1000 pop'n	No. regis- tered	Rate per 1,000 pop'n	No. regis- tered	Rate per 1,000 total births	No. of deaths regis- tered	Rate per 1,000 total births	Total		Neo-natal	
									No. of deaths regis- tered	Rate per 1,000 live births	No. of deaths regis- tered	Rate per 1,000 live birth
Year 1964	369	*17.8	216	*10.4	13	34.0	nil	nil	4	10.8	3	8.1
Year 1963	371	18.0	289	14.0	11	28.8	nil	nil	8	21.6	5	13.5
Year 1962	352	17.5	250	12.4	6	16.8	nil	nil	10	28.4	5	14.2
Year 1961 ..	293	15.0	286	14.6	11	36.2	nil	nil	13	44.4	11	37.5
Year 1960	279	14.4	259	13.4	4	14.1	nil	nil	3	10.8	2	7.2
Year 1959	302	15.7	217	11.3	9	28.9	nil	nil	5	16.6	2	6.6
Ave 5 years— 1959-1963	—	16.12	—	13.14	—	24.96	—	nil	—	24.36	—	15.8

*Adjusted { live birth-rate (comparability factor, 1.02) = 18.1 per 1,000
death-rate (comparability factor, 1.18) = 12.3 per 1,000

Subjoined is a Table showing the causes of the Deaths among Infants under one year of age.

TABLE II

ANALYSIS OF INFANT DEATHS

Cause of Death.	Total at					
	all periods up to 1 yr.	Under 1 Mth.	1—3 Months.	4—6 Months.	7—9 Months.	10—11 Months.
Broncho-Pneumonia ...	1	1	—	—	—	—
Influenzal Broncho Pneumonia ...	1	—	—	—	—	1
Asphyxia ...	1	1	—	—	—	—
Congestive Heart Failure ...	1	1	—	—	—	—

In the next Table are shown the chief causes of Death and number of deaths from each cause in 1964 as compared with the previous year:—

TABLE III

Cause of Death.	No. of Deaths.	No. of Deaths.
	1963	1964
Tuberculosis (Respiratory)	1	1
Tuberculosis (Other)	—	—
Syphilitic Diseases	—	—
Diphtheria	—	—
Whooping Cough	—	—
Meningococcal Infections	—	—
Acute Poliomyelitis	—	—
Measles	—	—

Cause of Death.	No. of Deaths.	No. of Deaths.
	1963	1964
Other Infective and Parasitic Diseases	—	—
Malignant Neoplasm—Stomach	10	6
Malignant Neoplasm—Lung, Bronchus	8	12
Malignant Neoplasm—Breast	2	3
Malignant Neoplasm—Uterus	1	1
Other Malignant and Lymphatic Neoplasms	17	11
Leukaemia, Aleukaemia	1	—
Diabetes	—	1
Vascular Lesions of Nervous System	43	33
Coronary Disease—Angina	51	39
Hypertension with Heart Disease	7	2
Other Heart Disease	46	28
Other Circulatory Diseases	20	7
Influenza	5	5
Pneumonia	19	10
Bronchitis	16	15
Other Diseases of Respiratory System.....	6	2
Ulcer of Stomach and Duodenum	4	1
Gastritis, Enteritis and Diarrhoea	1	—
Nephritis and Nephrosis	3	4
Hyperplasia of Prostate	—	1
Pregnancy, Childbirth, Abortion	—	—
Congenital Malformations	1	3
Other Defined and Ill-Defined Diseases ...	22	22
Motor Vehicle Accidents	2	3
All Other Accidents	2	5
Suicide	1	1
Homicide and Operations of War	—	—
	<hr/> 289	<hr/> 216

2. GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

LABORATORY ARRANGEMENTS

Bacteriological examinations are carried out by the Laboratories of Wigan Royal Infirmary and the Public Health Laboratory, Manchester, and the arrangements are satisfactory. A report on every examination is made to the Public Health Department.

During 1964 reports were made to the Authority on the following specimens: 3 samples of water; 13 samples of milk; 5 ice cream and 10 ice lollies.

AMBULANCE ARRANGEMENTS

During the year Infectious, Non-Infectious, Accident and Maternity Cases were dealt with by the motor ambulances belonging to the Lancashire County Council stationed at the Hindley Ambulance Station. The service was quite satisfactory.

HOSPITALS AND OTHER INSTITUTIONS AVAILABLE FOR THE DISTRICT

General Medical and Surgical:— Wigan Royal Albert Edward Infirmary; Billinge Hospital and Leigh Infirmary; Bolton Infirmary; Manchester Royal Infirmary and Salford Royal Infirmary.

Children:— Wigan Royal Albert Edward Infirmary and Pendlebury Children's Hospital.

Venereal Diseases:— Wigan Royal Albert Edward Infirmary.

Tuberculosis:— County Sanatoria and Hospitals.

Chronic Sick:— Billinge Hospital and Social Welfare Home, Frog Lane, Wigan.

Mental Diseases:— County Mental Hospitals.

Ear, Nose and Throat:— Wigan and Manchester Infirmaries.

Puerperal Fever and Pyrexia:— Arrangements with the Wigan and Leigh Joint Hospital Management Committee.

These facilities are duly appreciated and freely used by the inhabitants of Hindley.

3. SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY

The Statutory Water Undertaker is now the Makerfield Water Board, which, on the 2nd October, 1961, assumed responsibility for providing the district with a sufficient and wholesome supply of water.

The water supply is conducted from the Rivington water main of the Liverpool Corporation to a service reservoir at Westhoughton, from which it is distributed throughout the district. The supply is constant, good and sufficient, and the possibilities of contamination are very slight.

Three samples were taken during 1964. Two were submitted for chemical analysis and one for bacteriological examination.

All samples were reported to be satisfactory.

All houses in the district have a piped supply of water from the main, with the exception of two houses in the fields.

DRAINAGE AND SEWERAGE

The drainage system is of the usual type, storm water and sewage being carried away in a common sewer.

Drain testing, flushing, etc., is carried out as required.

SANITARY ACCOMMODATION (at end of 1964):—

Number of Privy Middens	6
Number of Pail Closets	9
Number of Closets attached to Privy Middens ...	6
Number of Freshwater Closets	7630

Number of Waste Water Closets	Nil
Number of Dry Ashpits for Refuse	Nil
Number of Moveable Ashbins for Refuse	7560
Number of Houses on Water Carriage System ...	7137

Freshwater closet accommodation is provided for all new property erected in the district.

PUBLIC CLEANSING

A weekly collection of House Refuse is carried out by the Local Authority, under the supervision of the Public Health Inspector.

Ashbins are emptied regularly by day throughout the year, and three motor vehicles are engaged in the removal of refuse to controlled tips.

There is no destructor in the district.

The Scavenging of streets is under the supervision of the Surveyor. One mechanical sweeper and one gully emptier are in use.

CAMPING SITES

There are none in the district.

CLEAN AIR ACT, 1956

Contact is maintained between the Officers of the Health Department and the local works Managers with regard to smoke abatement.

The Authority is represented on the Manchester and District Clean Air Committee, and is a member of the National Society for Clean Air.

SWIMMING BATHS AND POOLS

There are none in the district.

DISINFESTATION

81 Premises were disinfested during the year:—

Verminous or insanitary conditions	4
Infestation by cockroaches, ants, etc.	77

Spraying and dusting with D.D.T. solution and powder has proved effective.

OFFENSIVE TRADES

There are none in the district.

COMMON LODGING HOUSES

There are none in the district.

FACTORIES AND WORKSHOPS

Regular visits were paid to factories and workshops under the Factories Act, 1961, and their condition was found satisfactory.

SCHOOLS

There are 13 schools in the district, all of which have an adequate supply of town's water.

All the schools are provided with separate W.C.s, each with its own flushing cistern and drainage to public sewers.

4. HOUSING

The township consists chiefly of working class houses, which are built in rows and old in type.

The standard of repair has been well maintained.

A revised housing survey would be necessary to ascertain reasonably accurately the extent of overcrowding in the district. During the year, three cases of known overcrowding were relieved by the allocation of Council Houses.

HOUSING STATISTICS

Number of new houses erected during the year:

	Houses	Flats
(a) Total	294	Nil
(i) By the Local Authority	142	Nil
(ii) By other Authorities	Nil	Nil
(iii) By other bodies and persons	152	Nil

1. Inspection of dwelling-houses during the year:

(1) (a) Total number of dwelling-houses inspected formally or informally for housing defects (under Public Health or Housing Acts)	313
(b) Number of inspections, formal or informal, made for the purpose	1043
(c) Number of dwelling-houses found during the year to be not in all respects reasonably fit for human habitation but capable of being rendered fit	254

(2) Total number of dwelling-houses existing at end of year which were unfit for human habitation and not capable at reasonable expense of being rendered fit and in respect of which:

(a) Demolition Orders have been made (at any time)	13
(b) Demolition or Closing Orders have not yet been made	60

2. Houses Demolished:—

	Houses Demolished	Displaced during year Persons	Families
In Clearance Areas (Housing Act, 1957):			
(1) Houses unfit for human habitation	26	14	5
(2) Houses included by reason of bad arrangements, etc. ...	Nil	Nil	Nil
(3) Houses on land acquired under Section 43 (2), Housing Act, 1957	Nil	Nil	Nil
Not in Clearance Areas:			
(4) As a result of formal or informal procedure under Section 17 (1), Housing Act, 1957	24	106	27
(5) Local Authority Owned houses certified unfit by the Medical Officer of Health	Nil	Nil	Nil
(6) Houses unfit for human habitation where action has been taken under local Acts	Nil	Nil	Nil
(7) Unfit houses included in Unfitness Orders	Nil	Nil	Nil

3. **Unfit Houses Closed:—**

	Houses Closed. Number	Displaced during year.	
		Persons	Families
(1) Under Section 16 (4), 17 (1), and 35 (1), Housing Act, 1957	2	5	2
(2) Under Sections 17 (3) and 26, Housing Act, 1957	Nil	Nil	Nil
(3) Parts of buildings closed under Section 18, Housing Act, 1957	Nil	Nil	Nil

4. **Unfit Houses Made Fit and Houses in which Defects were Remedied:—**

	By Owner	By Local Authority
(1) After informal action by Local Authority	209	—
(2) After formal notice under		
(a) Public Health Acts	45	Nil
(b) Sections 9 & 16, Housing Act, 1957	Nil	Nil
(3) Under Section 24, Housing Act, 1957	Nil	—

5. **Unfit Houses in Temporary Use (Housing Act, 1957):—**

	Number of houses (1)	Number of separate dwellings contained in column (1) (2)
Position at end of year:		
(1) Retained for temporary accommodation:		
(a) Under Section 48	Nil	—
(b) Under Section 17 (2)	Nil	—
(c) Under Section 46	Nil	—
(2) Licensed for temporary occupation under Sections 34 or 53	Nil	—

6. Purchase of Houses by Agreement:—

	Number of houses	Number of occupants of houses in column 1
	(1)	(2)
Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased during the year	Nil	—

7. Housing Act, 1949, and Housing (Financial Provisions Act), 1958—Improvement Grants; Discretionary Grants:—

No. of dwelling houses or other buildings affected in schemes of:—		
	Private bodies or individuals	Local Authority
Action during year:		
(a) Submitted by private individuals to Local Authority	4	—
(b) Approved by Local Authority	2	—
(c) Submitted by Local Authority to Ministry	—	—
(d) Finally approved by Ministry	—	—
(e) Work completed	4	—
(f) Additional separate dwellings included in (e) above	—	—
(g) Any other action taken under the Act:		None.

8. **HOUSE PURCHASE AND HOUSING ACT, 1959, AND HOUSING ACTS, 1961 AND 1964—STANDARD GRANTS**

Action during year:—

(i) Applications submitted to Local Authority for improvement to full standard	92
(ii) Applications approved by Local Authority for improvement to reduced standard	—
(iii) Total applications approved by Local Authority	75
(iv) Work completed (Grant payment made)	76

5. **INSPECTION AND SUPERVISION OF FOOD**

(a) MILK SUPPLY

An adequate supply of milk is produced within, or is brought into, the district.

During 1964 13 samples of milk were submitted for examination, the standard adopted being the Methylene Blue Test, together with the Phosphatase Test for Pasteurised Milk and the Turbidity Test only for Sterilised Milk. All samples were found to be satisfactory.

Routine inspections are made of meatshops, etc., and it was not found necessary to take any legal proceedings during the year.

6. **PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE**

During 1964, cases of Infectious Disease requiring hospital treatment were removed to the Whelley and Astley Hospitals of the Wigan and Leigh Hospital Management Committee.

Three cases of Scarlet Fever were notified during the year, as against five in 1963. No cases were removed to hospital.

No cases of Diphtheria were notified during the year.

Supplies of Diphtheria Antitoxin are kept at the Divisional Health Office and local Hospitals.

The following statistics show the number of persons resident in Hindley who were immunised and vaccinated:—

Type	Pre-School Children	School Children	Adults
Triple Antigen (Diphtheria, Whooping Cough and Tetanus):			
Primary	205	9	—
Re-inforcement	1	—	—
Combined Antigen (Diphtheria and Tetanus):			
Primary	4	5	—
Re-inforcement	9	172	—
Diphtheria only:			
Re-inforcement	—	2	—
Primary	—	—	—
Poliomyelitis:			
Primary	279	6	7
Re-inforcement	—	195	—
Smallpox Vaccination:			
Primary	35	6	7
Re-Vaccination	—	195	—

No preliminary and no post-Schick tests were undertaken.

No immunisation against the Enteric Group was undertaken during 1964.

No local action has been taken with regard to the use of measles serum for prophylaxis or attenuation, and there are no existing facilities for the typing of pneumococci and for the provision of appropriate type sera.

The general standard of cleanliness and habits in the district remains high, and the cases of infestation by head lice dealt with at the Clinic were few and were successfully treated with D.D.T. Emulsion.

No cases of food poisoning were notified during the year.

INSPECTION AND SUPERVISION OF FOOD

The work necessary to implement the provisions of the Food Hygiene (General) Regulations, 1960, has continued during the year.

Food traders generally have co-operated and formal action by way of prosecutions has not been necessary.

Number of food premises in the district at the end of the year:—

Type of business	No.
General Grocers and provision dealers	124
Greengrocers and fruiterers (including those selling wet fish, game, etc.)	19
Fishmongers (including those selling poultry, game, etc.)	8
Meat shops (butchers, purveyors of cooked and preserved meats, tripe, etc.)	25
Bakers and/or confectioners	19
Fried fish shops	19
Shops selling mainly sugar confectionery, minerals, ice-cream, etc.	16
Licensed premises, clubs, canteens, restaurants, cafés, snack-bars, and similar catering establishments	88
Others	3

Number of food premises registered under Sections 115 and 116 of the Lancashire County Council (Rivers Board and General Powers) Act, 1938:—

Type of business.	Number registered 31/12/64	Number of inspections during the year.
Premises registered for the sale of ice-cream and preserved food	87	45
Food Hawkers' Storage premises...	4	4

During the year small quantities of foodstuffs have been surrendered. Blown tins, etc. have been buried at the foot of the refuse tip.

NATIONAL ASSISTANCE ACT, 1948

No action was taken by the Authority during the year under Section 47 of this Act.

NOTIFIABLE DISEASES DURING 1964

TABLE IV

Number of cases of Infectious Disease notified; number of Deaths from these Diseases; number of cases removed to Hospital; and Deaths in Hospital during the year 1964

DISEASE	Total Cases All Ages	Under 1	1—	2—	3—	4—	5—9	10—14	15—24	25 and Over	Age Unknown	Total Deaths	Total Cases removed to Hospital	Deaths in Hospital persons belonging to district
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	3	—	—	—	1	—	2	—	—	—	—	—	—	—
Diphtheria, including Membranous Croup ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric or Typhoid Fever (excl. Paratyphoid) ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paratyphoid Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles (excl. rubella)...	93	8	8	20	12	16	29	—	—	—	—	—	—	—
Whooping Cough	4	—	1	1	1	—	—	—	1	—	—	—	—	—
Acute Pneumonia (pri- mary and influenzal)	1	—	—	—	—	—	—	—	—	1	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection	1	—	—	1	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Encephalitis—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Infective	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Post Infectious	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	2	—	—	1	—	—	—	—	—	1	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning	—	—	—	—	—	—	—	—	—	—	—	—	—	—

DISINFECTION

Disinfection of premises and materials is carried out by the staff of the Public Health Department.

All dwelling-houses are dealt with on death, removal to hospital, or release from isolation of infectious cases.

During 1964, 15 houses were disinfected by the Department.

Houses are disinfected by the method of Formalin Spray, and it is usual in the district to disinfect after Phthisis.

The Council's Disinfector Station was used during the year.

CANCER

33 deaths (14 males and 19 females) were certified as due to Cancer during the year.

Facilities for Radium treatment are available to Hindley residents at the Radium Institute, Manchester, and at the Wigan Infirmary, which, for this purpose, is a sub-clinic of the Manchester Centre.

PREVENTION OF BLINDNESS

No local action has been taken under Section 176 of the Public Health Act, 1936, for the prevention of blindness, or for the treatment of persons suffering from any disease or injury to the eyes.

The administration of the Blind Persons Act, 1920, is undertaken in this area by the staff of the County Medical Officer of Health.

TUBERCULOSIS

This service is under the control of the Regional Hospital Board, and Hindley cases attend at the Chest Clinic, Millgate, Wigan.

3 new cases of Tuberculosis were notified during 1964, all being cases of Respiratory Tuberculosis. One death was registered during the year from Respiratory Tuberculosis.

Notification of the disease in the district is quite satisfactory, and no action has been necessary under the Public Health Act, 1936, relating to the compulsory removal of tuberculous patients to Hospital.

The subjoined Table shows the new cases of Tuberculosis and the deaths in age groups.

TABLE V
TUBERCULOSIS

Age Periods	NEW CASES.				DEATHS.			
	Respiratory M	F	Non-Respiratory M	F	Respiratory M	F	Non-Respiratory M	F
0—1	—	—	—	—	—	—	—	—
1—2	—	—	—	—	—	—	—	—
2—5	—	—	—	—	—	—	—	—
5—10	—	—	—	—	—	—	—	—
10—15	—	—	—	—	—	—	—	—
15—20	—	—	—	—	—	—	—	—
20—25	1	—	—	—	—	—	—	—
25—35	—	—	—	—	—	—	—	—
35—45	—	—	—	—	—	—	—	—
45—55	—	—	—	—	1	—	—	—
55—65	—	—	—	—	—	—	—	—
65—75	2	—	—	—	—	—	—	—
upwards	—	—	—	—	—	—	—	—
TOTAL	3	—	—	—	1	—	—	—
	3		—		1		—	

TABLE VI.

Causes of and Ages at Death for the Year 1964.

Causes of Death.	Nett Deaths at the subjoined Ages of Residents whether occurring within or without the District.											
	Under 1	1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 and over	TOTAL All ages	
	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	M	F
1—Tuberculosis, Respiratory	1	...	...	...	1	...
2—Tuberculosis, other
3—Syphilitic Disease
4—Diphtheria
5—Whooping Cough
6—Meningococcal Infections
7—Acute Poliomyelitis
8—Measles
9—Other Infective and Parasitic Diseases
10—Malignant Neoplasm, Stomach
11—Malignant Neoplasm, Lung, Bronchus	1	2	2	3	3
12—Malignant Neoplasm, Breast	1	2	2	1	6	6
13—Malignant Neoplasm, Uterus	2	...	1	...	...	3
14—Other Malignant and Lymphatic Neoplasms	1	...	...	...	1
15—Leukaemia; Aleukaemia	1	...	1	2	1	2	1	5	6
16—Diabetes
17—Vascular Lesions of Nervous System	1	...	1	...
18—Coronary Disease, Angina	1	2	4	2	5	3	21
19—Hypertension with Heart Disease	2	4	9	4	9	5	12
20—Other Heart Disease	1	...	...	...	2
21—Other Circulatory Disease	1	...	1	...	3	4	9
22—Influenza	1	...	...	...	...	...	1	...	...	4	2	5
23—Pneumonia	1	...	...	...	...	...	...	...	1	...	3	5
24—Bronchitis	1	...	...	5	3	6
25—Other Diseases of Respiratory System	1	...	2	1	5	1	9
26—Ulcer of Stomach and Duodenum	1	...	1	1
27—Gastritis, Enteritis and Diarrhoea	1	...	1	...
28—Nephritis and Nephrosis
29—Hyperplasia of Prostate	1	2	...	1	3
30—Pregnancy, Childbirth, Abortion	1	1	...
31—Congenital Malformations
32—Other Defined and Ill-defined Diseases	1	1	...	...	...	...	...	...	...	...	2	1
33—Motor Vehicle Accidents	1	...	...	1	1	2	1	2	1	5	4	9
34—All other Accidents	1	...	1	...	...	1	...	1	2
35—Suicide	1	1	...	1	1	3
36—Homicide and Operations of War	1	...	...	...	...	...	...	1
TOTALS	2 2	1	...	2 1	2	5 4	11 8	22 15	31 27	38 45	111	105

Public Health Inspector's Report for 1964.

To the Chairman and Members of the Public Health Committee

Ladies and Gentlemen,

I have pleasure in presenting for your consideration my Annual Report of the work of the Health Department for the year 1964.

The work has, I think, been satisfactory; the sanitary circumstances of the district have been kept under close observation and attention has been given to the administration of health measures generally.

The work of the department has again increased as a result of the growth of the district and the bringing into operation of new legislation.

SUMMARY OF VISITS AND INSPECTIONS

Nuisances discovered	1035
Nuisances abated	786
Houses and premises visited	1731
Number of visits and re-visits	2934
Number of visits to food premises and shops	127
Number of visits to factories	59
Number of visits re drainage	100
Number of visits re refuse collection, disposal and salvage	256
Number of visits re infectious disease	21
Number of visits re rodent control	15
Number of visits re caravans	229
Number of visits re Smoke Control Areas	48

Number of houses disinfected	15
Number of informal notices	105
Number of statutory notices	166
Number of letters sent	451

SUMMARY OF NUISANCES DEALT WITH

Defective water supply and cistern and W.C. pedestals ...	51
Defective and choked drains	151
Defective roofs	24
Defective gutters and downspouts	50
Irregular and insanitary yard surfaces	1
Defective brickwork to yard and other walls	25
Chimney stacks, smoky chimneys	2
Dilapidated refuse receptacles	286
Dampness	28
Defective doors, door frames, windows and window frames	49
Insanitary sinks and waste pipes	5
Defective grates and washboilers	5
Defective plasterwork	35
Defective Floors	10
Insanitary condition of premises	6
Living vans unauthorised	295
Insanitary condition of factories and workshops	1
Other nuisances	8

HOUSING, INCLUDING SLUM CLEARANCE PROGRAMME

During the eight years 1956 to 1963, 261 houses were dealt with under the provisions of the Housing Acts with the following results:—

Closing Orders	13
Demolition Orders	212
Clearance Orders	27
Houses made fit	9

A further plan to deal with 80 houses within three years commenced in 1964.

The following figures will give an indication of the progress made during the first year, 1964:—

Closing Orders made	4
Demolition Orders made	34
Houses included in a Clearance Order	6
Voluntary Undertaking to demolish	1
Houses demolished	50
Families re-housed	34
Number of persons re-housed	125
Properties still to be dealt with	35

The erection of the 265 Council houses and 60 bungalows commenced in 1962, and now almost completed, is bringing about a great improvement in housing conditions.

The number of dwellings built by speculative builders during the year was 152, as compared with 124 for the previous year.

We are fortunate in still having land within our district which is available for development.

APPLICATIONS FOR COUNCIL HOUSES

The following figures, supplied by the Housing Manager, show the position at the end of 1964:—

Total number of applications on list	386
Total number of applications for bungalows	132
Total number of applications by persons living in lodgings	78

Rent Act, 1957

This Act allowed the nett rent of dwelling houses, subject to certain conditions, to be raised to a sum equal to twice the gross value.

One application for Certificate of Disrepair was received during the year, but an Undertaking (Form K) was given by the landlord.

No applications for Cancellation of Certificates of Disrepair were received.

From the above, it will be seen that very little work under the Rent Act, 1957, has been necessary during the year. It would appear that tenants prefer action to be taken by the Local Authority under the provisions of the Public Health Acts when repairs are necessary.

Housing Act, 1958

Section 43 permits Councils to advance money to applicants for the purchase of dwelling-houses in their district.

The Council make advances in respect of houses which comply with their standards of fitness.

All such houses are inspected by the Public Health Inspector prior to valuation by the Surveyor.

43 advances were made during the year.

House Purchase and Housing Act, 1959

This Act, which came into operation on the 14th June, 1959, made two kinds of grant available for modernising older houses:—

(1) The new (1959) Standard Grant under which house owners can obtain, as a right, half the cost, up to a maximum of £155, of installing five basic improvements: (a) fixed bath or shower; (b) wash-hand basin; (c) hot water system; (d) water closet in the dwelling and (e) a food store.

(2) The existing Discretionary Grant, under which half the estimated cost of more extensive improvement may be paid, at the discretion of the Council, subject to a maximum grant of £400.

Standard Grants

During the year, 75 applications were approved and 76 grants were made for work completed satisfactorily.

The following indicates the numbers of the five standard amenities provided during the year:—

(a) fixed baths	63
(b) wash-hand basins	68
(c) hot-water systems	62
(d) water-closets in the dwellings... ..	75
(e) satisfactory facilities for storing food	54

There can be no doubt that the provision of the above-named amenities must be beneficial to the public health. Possibly the introduction of this scheme may result in raising the present fitness standard in the Housing Act, 1957.

These amenities have, in my view, for far too long been considered as luxuries and it is pleasing to note that they are

now coming to be regarded as necessities. I cannot see how any house without them can be fully fit for human habitation.

Discretionary Grants

Action taken during year:—

	No. of dwelling houses or other buildings affected in schemes of:	
	Private bodies or individuals	Local Authority
(i) Submitted by private individuals to Local Authority	4	—
(ii) Approved by Local Authority	2	—
(iii) Submitted by Local Authority to Ministry	—	—
(iv) Finally approved by Ministry	—	—
(v) Work completed	4	—
(vi) Additional separate dwellings included in (v) above	—	—

Council Houses

142 houses were built during the year.

At the end of 1964 the total number of Council houses was 1,581, 977 of which are of a post-war type.

PUBLIC CLEANSING

The collection and disposal of refuse is carried out by the Local Authority under the supervision of the Chief Public Health Inspector.

Collection

Twenty men were employed and four vehicles were in regular use during the year.

Details of the vehicles are as follows:

- (1) Karrier—18 cubic yard capacity with compression plate, pressing to the equivalent of 24 cubic yards. Large cab accommodates driver and crew. Date of original registration: 8th May, 1964.
- (2) Karrier—12 cubic yard capacity, dual tip, rear loader. Large cab accommodates driver and crew. Date of original registration: 13th April, 1962.
- (3) Karrier—12 cubic yard capacity, dual tip, rear loader. Standard single cab. Date of original registration: 3rd March, 1961.

These vehicles are in regular use with a driver and a team of four men. Each vehicle tows a 5 cubic yard all steel salvage trailer.

- (4) Karrier—12 cubic yard capacity side loader with double cab. Date of original registration: 18th March, 1959.

This vehicle is in use two days per week one day on refuse collection with a driver and four men and one day with a driver and one man on the collection of waste paper from shops, factories, schools, etc.

- (5) Karrier—7 cubic yard capacity, side loader with standard single cab. Date of original registration: 14th June, 1954.

This vehicle has been retained for use as a spare wagon to be used when one of the other four is off the road for any reason. It will be seen that this vehicle is now more than 11 years old and I am obliged to report that, although in reasonable mechanical condition for its age, the bodywork is in a very defective, almost dilapidated, condition.

If a fleet of good, well turned out vehicles is to be maintained, I feel that it will be necessary to give consideration to the purchase of a new refuse collecting vehicle for use in the year 1966/67.

The collection of refuse has, I think, been satisfactory apart from holiday times and when several workmen have been off work at one time.

Disposal

Refuse is disposed of at two tips: Liverpool Road and Leigh Road. Liverpool Road serves the Platt Bridge and Hindley districts and Leigh Road the Hindley Green district.

The two tips have been adequate and have entailed the minimum haulage.

The life of the two tips, however, is short.

The Liverpool Road tip will only last a few months and is included in the Lancashire County Council's Stony Lane Reclamation Scheme.

It may be that tipping will have to cease at short notice.

The Leigh Road tip will last probably about twelve months. It is most important, therefore, that new tipping areas should be decided upon.

Refuse disposal has been carried out more satisfactorily during the latter part of the year under review than in previous years. Since June, 1964, levelling and covering of domestic refuse has been done quickly, generally on arrival at the tip, by a Council owned mechanical shovel.

The two tips have been greatly improved and free from the gross nuisances which used to arise from loads of refuse being left exposed for long periods.

The few tip fires which have occurred have been easier to confine and extinguish.

The amount of refuse to be dealt with continues to increase with the growth of housing accommodation. There are now

7,560 dustbins and nine pails to be emptied weekly.

The number of loads of refuse removed during the year was 3050, a decrease on last year due to the use of a larger capacity vehicle, and the weight approximately was 7,500 tons.

DUSTBINS

Since May, 1951, the Council have exercised their powers under Section 75/3 of the Public Health Act to supply dustbins for domestic refuse, such expenditure being charged against the General Rate Fund.

During the year 286 dilapidated dustbins were replaced and 117 supplied to new houses.

TRADE REFUSE

A charge of 9d. per bin is made for the collection of refuse from business premises. £56 14s. 9d. was received for this service during the year.

SALVAGE

Baled waste paper is sold to The Thames Board Mills Ltd., under a five year contract.

The incentive bonus scheme remained in operation during the year. Workmen employed on this service are allowed a bonus of $33\frac{1}{3}\%$ of the price obtained on all collections between 24 and 30 tons per quarter and 50% of the price obtained on all collections exceeding 30 tons.

The restriction on the amount of baled waste paper which the mills would accept from the Council was lifted during the year, and we were assured that if increased amounts could be collected and baled they would be purchased.

At the end of the year the indications were that it would be possible to sell larger quantities of baled waste paper at better prices than at any time during the previous three years.

			1963		
	Tons	Cwts.	Qrs.	£	s. d.
Waste Paper	154	3	3	1247	18 11
			1964		
Waste Paper	154	9	3	1238	1 8

MILK SUPPLY

The Milk (Special Designations) (Specified Areas) (No. 2) Order, 1958, came into operation on the 1st October, 1958.

Under this Order the Urban District of Hindley was included in Specified Area No. 8, in which only designated milk may be sold by retail for human consumption.

Number of registered distributors operating from dairies in the district: 4.

From the 1st January, 1961, licences for the sale of designated milk have been granted by the County Council and cover a five year period.

MILK SAMPLES

Raw Milk

No samples submitted for examination.

Heat Treated Milk

(a) Pasteurised:

Six samples were submitted to the Phosphatase Test.
All were satisfactory.

Six samples were submitted to the Methylene Blue Test. All were satisfactory.

(b) Sterilised:

One sample was submitted to the Turbidity Test. It was satisfactory.

MEAT INSPECTION

There are no slaughterhouses in the district.

UNSOUND FOOD

The following table denotes the various foodstuffs found to be unfit for human consumption, all of which were voluntarily surrendered.

Nature of Food	Amount Surrendered
Beef	416 lbs. 12 ozs.
Pork	24 lbs. 12 ozs.
Potatoes	224 lbs.
Grapes	20 lbs.
Pre-packed meat joints	22 lbs.
Corned Beef	8 lbs. 8 ozs.
Pork Luncheon Meat	4 lbs.
Boiled Ham	68 lbs. 12 ozs.
Milk	10 gallons
Sausage	12 lbs.
Butter	4 lbs.
Sweets	30 boxes
Turkey	10 lbs. 10 ozs.
Ham	20 lbs.

BAKERIES AND BAKEHOUSES

The number of bakeries and bakehouses in the district is 15. Periodical inspections are made. In a few instances it has been necessary to draw occupiers' attention to minor defects. In each case these matters were given prompt attention.

FOOD AND DRUGS ACT, 1955

The County Council is the Authority responsible for the carrying out of the provisions relating to food sampling.

The following samples have been taken in the district and submitted for analysis by the County Council Sampling Officer:—

Milk (formal samples)	34
Strained Beef Broth	2
Pork Sausage	1
Beef Sausage	1
Canned Chicken	1
Butter	3
Cooking Fat	2
Canned Meat	1
Canned Soup	1
Blackcurrant health drinks with Vitamin C	3
Canned Fish	5
Penicillin Lozenges	1
Pickles	1
Pickled Onions	1
Tomato, fresh	1
Canned Vegetable Juices	1
Coffee Extract, dried	2
Beefburger	1
Cheese Spread	1
Fish Paste	1

Margarine	1
Milk, condensed, full cream unsweetened	1
Zinc Ointment	1
Olive Oil	1
Camphorated Oil, B.P.	1
Dried Rubbed Thyme	1
Soup Mixture, dried	1
Ground Mixed Spice	1
Gravy Browning	1
Cream, Sterilised	1
Tea	1
Fruit, dried (Currants)	1
Fruit, dried (Sultanas)	1
Rice	1
Cough Candy	1
Fresh Fruit (Bananas)	1
Fresh Fruit (Apples)	1
Fresh Fruit (Pears)	1
Mustard Paste	1
Cream Cone	1
Meat and Chicken Pasty	1
Bread Roll	1
Sauce	1
Orange Crush	1

All the samples were reported by the County Analyst to be genuine, with the exception of the following:—

Type of Sample	Result of Analysis	Action Taken
1 part can of strained beef broth (baby food)	Can stained with 0.04 m.g. of finely divided iron, and food stained 0.02 m.g. of iron—possibly derived from seam of can	Complainant and manufacturer informed

Type of Sample	Result of Analysis	Action Taken
1 fish, canned (Shrimp)	Contained 55 parts per million Formaldehyde	No action taken in this instance
1 fish, canned	(i) Contained 290 parts per million tin. Maximum recom- mended limit 250 parts per million (ii) Two labels naming the food differently: one correctly stated "Brisling in olive oil" and the other stated "packed in tomato sauce"	Distributor communicated with
1 pickled onions	Contained 0.7% salt and 0.005% saccharin, yet sacchar- in listed before salt on label. Ingredients listed in wrong order and list omitted onions	Manufacturer communicated with

ICE CREAM

There is one manufacturer in the district. The premises, heat treatment plant and equipment are consistent with modern standards and a high degree of cleanliness is maintained. The number of retailers of iced products continues to increase, and we now have 87 on the register. These are chiefly grocers' shops and mixed businesses. Each is provided with a modern refrigerator and sells a pre-packed product.

Five samples were submitted to the Methylene Blue test. All were satisfactory.

ICE LOLLIES

Ten samples were submitted for bacteriological examination. All were satisfactory.

FOOD PREMISES

Inspections were again carried out during the year, with a view to attaining and maintaining a high standard of hygiene in relation to premises and to the handling of food and compliance with the Food Hygiene (General) Regulations, 1960. Food premises generally were found to have improved.

Floors, walls and ceilings have generally been kept clean and new materials have been used to make impervious, easily cleaned surfaces. Repair and re-decoration have been carried out, after service of informal notices. Refrigerators, display cabinets and protective screens to avoid the possibility of contamination have been provided in some shops.

LICENSED PREMISES

As was the case last year, special attention was paid to licensed premises.

In recent years, one particular brewery has relinquished the licences on six public houses and has worked to a programme for the modernisation of the remainder.

This work, along with that carried out by other breweries, has made a noticeable improvement to the hotels in the district.

Six premises were modernised and provided with indoor sanitary conveniences during the year.

INFECTIOUS DISEASES

Each house is visited and enquiries made relative to the source of infection and general home conditions. Recommendations are made and advice given regarding isolation of the patient and care to be exercised by contacts.

Public Library books from infected premises are taken over by the Public Health Department and disinfected before being

returned to the Library for re-distribution. Books in an unserviceable condition are, by arrangement with the Librarian, destroyed.

All houses are disinfected after various forms of infectious disease, including Tuberculosis, with a solution of Formalin.

During the year, 15 houses were disinfected after infectious disease.

Number of articles destroyed, chiefly flock beds and mattresses: 121.

DISINFECTION

Disinfectants supplied free (liquid and powder), special bottles being provided for the liquid. A charge of 6d. is made for the first bottle and is renewed free in exchange for the empty bottle. During the year 381 bottles were supplied, 88 sales and 293 re-issues.

FACTORIES ACT, 1961.

Part 1 of the Act

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Inspections (3)	Number of Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority	1	2	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	50	26	2	Nil

Premises (1)	Number on Register (2)	Inspections (3)	Number of Written Notices (4)	Occupiers Prosecuted (5)
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ...	23	31	Nil	Nil
Total	74	59	2	Nil

2. Cases in which DEFECTS were found.

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of Cleanliness (S.1)	Nil	Nil	Nil	Nil	Nil
Overcrowding (S.2)	Nil	Nil	Nil	Nil	Nil
Unreasonable tem- perature (S.3) ...	Nil	Nil	Nil	Nil	Nil
Inadequate ventila- tion (S.4)	Nil	Nil	Nil	Nil	Nil
Ineffective drainage of floors (S.6) ...	Nil	Nil	Nil	Nil	Nil
Sanitary Conveniences (S.7)					
(a) Insufficient ...	1	1	Nil	1	Nil
(b) Unsuitable or defective	1	Nil	Nil	Nil	Nil
(c) Not separate for sexes	Nil	Nil	Nil	Nil	Nil
Other offences against the Act (not including offences re- lating to Out-work)	Nil	Nil	Nil	Nil	Nil
Total ...	2	1	Nil	1	Nil

Part VIII of the Act

3. Outwork. (Sections 133 and 134).

Nature of Work (1)	SECTION 133			SECTION 134		
	No. of out-workers in August list required by Sec. 133(1)(c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in un-wholesome premises (5)	Notices served (6)	Prosecutions (7)
Clothing Manufacture (sewing)	7	Nil	Nil	Nil	Nil	Nil
Total	7	Nil	Nil	Nil	Nil	Nil

REGISTERED PREMISES

Bakers and Confectioners	10
'Bus Depot	1
Building Operations	23
Builders	5
Brickworks	1
Conveyor Belting Manufacturers	2
Clothing Manufacturers	6
Dry Cleaners	1
Glove Manufacturers	1
Gas Holders	1
Iron Foundry	1
Motor Vehicle Repairers	4
Printers	4
Paint Works	2
Plastic Moulding	2
Rubber Moulding	1
Sheet Metal Works	1

Sectional Wooden Buildings	1
Scouring Stone Manufacturers	1
Shoe Repairers	1
Steel Scaffolding Manufacturers	1
Tyre Repairers	1
Television Repairers	2
Upholsterers	1
	—
	74
	—

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

This Act came into operation on the 1st April, 1964, and all premises affected by the provisions of the Act had to be registered by the 31st July, 1964. 100 applications were received for registration, mainly in connection with retail shops where persons are employed.

No routine inspections were made during the year.

CLEAN AIR ACT, 1956

Domestic Smoke

Smoke Control Areas

Hindley No. 1 Smoke Control Area became operative on the 1st July, 1962. The area covers approximately 113 acres on the Castle Hill and Hollins Housing Estates and included 419 Council houses and three privately owned houses.

Development has proceeded on the Hollins site and all the new houses and bungalows are within the No. 1 Smoke Control area. The bungalows (62) are heated by means of electric under-floor heating, but the houses are provided with approved coke grates and gas ignition.

Hindley No. 2 Smoke Control Area became operative on the 1st November, 1963. This area covers approximately 112 acres immediately to the south of the No. 1 area and includes 306 Council houses on the Wooddagger Estate and 295 privately owned houses mainly in George Street and Atherton Road.

During the year the Health Committee gave consideration to the difficulties which were said to have arisen from:—

- (1) The continued shortage of premium smokeless fuels and a possible shortage of gas coke, at a time when the open fire is still widely preferred.
- (2) Miners' concessionary coal.
- (3) Hardships to pensioners, including higher cost of fuel.
- (4) The greater expenses of installing the alternative closed stove and decided not to proceed with the making of further Smoke Control Orders.

The work of surveying and preparing for a third Smoke Control Area was, therefore, not carried out during the year.

Industrial Smoke

Informal action only has been necessary during the year.

RODENT CONTROL

One part-time operative is employed by the Authority. All complaints of infestation by rats and mice were effectively dealt with and the operative made frequent inspections throughout the district. Farms, refuse tips, sewage disposal works, municipal undertakings and private premises were kept under observation and infestations attacked, with excellent results.

The following table indicates the nature and extent of the work carried out:—

	Type of Property		
	Non-Agricultural Dwelling Houses	All Other	Agricultural
(a) No. of properties in district	7221	1155	26
(b) No. of properties inspected	475	59	10
(c) Total inspections carried out (including re-inspections)...	640	84	20
(d) No. of properties inspected which were found to be infested by:—			
Rats—major	—	—	—
minor	285	50	5
Mice—major	—	—	—
minor	30	7	—
(e) No. of infested properties treated	315	57	5
(f) Total treatments carried out (including re-treatments) ...	315	57	5
(g) No. of “Block” control schemes carried out	—	—	—
(h) Any other action	NONE		

The Council give a free service for the treatment of infestations found at dwelling-houses, a charge being made for the treatment of business premises.

THE RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

This Act is designed to secure the use of clean filling materials in the manufacture of upholstered and other prescribed articles which are stuffed or lined, such as bedding, toys, and baby carriages.

All premises on which rag flock and other filling materials are so used must be registered by the Local Authority.

One premises where upholstery work is carried on is registered by the Council.

PET ANIMALS ACT, 1951

This Act provides for the licensing and inspection of Pet Shops by Local Authorities. Its main purpose is to secure suitable accommodation and treatment of animals during the time they are kept on the premises awaiting sale.

One pet shop was licensed during the year.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

Moveable Dwellings

We have no licensed caravan sites in the district.

The number of caravans stationed on land without the owners' consent, however, increased during the year.

A great deal of your Inspectors' time was taken up in coping with the large number of complaints made by local residents, that serious nuisances were arising from lack of sanitary facilities and unhygienic practices of the occupiers of the caravans.

Visits have been made immediately it has become known that caravans were in the area, but it has been difficult to clear a site within less than three or four days.

The assistance of the police has had to be called for on numerous occasions, particularly when dealing with a matter of 18 or 20 caravans on one site.

This assistance has always been readily given and I feel I must take this opportunity of thanking the Inspector and Officers concerned.

Five sites have been cleansed several times as a public health measure after being fouled.

During the latter part of the year, with the co-operation of the owners of land concerned, barriers were made at three sites and the erection of posts was in progress at a fourth, with a view to preventing the access of vehicles towing caravans.

I desire to tender by sincere thanks to the Chairman and members of the Public Health Committee, the Clerk, Medical Officer of Health, Surveyor, and other Officials and members of the staff for their co-operation and assistance.

I am, Ladies and Gentlemen,

Yours faithfully,

JAMES T. HAMPSON,

Chief Public Health Inspector.

Engineer and Surveyor's Office,
Town Hall,
HINDLEY,
Lancashire,

18th January, 1965.

Particulars of Rainfall recorded at Platt Bridge Sewage
Works during the year ending 31st December, 1964.

Height of Rain Gauge—91.00 feet above Sea Level.

Area of Hindley—2,612.182 Statute Acres.

Month.	No. of days on which rain fell.	Maximum fall in 24 hours in inches.		Total Monthly Rainfall in inches.
		Inches.	Date.	
January	11	0.33	31st	1.32
February	11	0.47	23rd	0.97
March	13	0.96	24th	3.76
April	17	0.53	21st	2.69
May	15	0.66	30th	3.12
June	19	0.35	9th	2.06
July	16	1.87	18th	4.26
August	14	1.17	18th	3.32
September	13	0.27	20th	1.75
October	15	0.98	5th	3.21
November	16	0.56	28th	3.33
December	17	1.35	12th	5.34
Totals for the year 1964	177			35.13

Total weight of rain which fell in Hindley during the year 1964:—
9,260,162.61 tons.

Previous Annual Rainfall in Inches:

1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
37.07	31.95	48.32	30.75	37.60	35.21	44.91	28.64	41.39	38.96	31.59	32.94

T. G. GRIME, M.I.Mun.E., M.I.H.E.,
Engineer and Surveyor

